2004 NASA/DoD Conference on Evolvable Hardware
June 24 - 26, 2004, Seattle, Washington, USA

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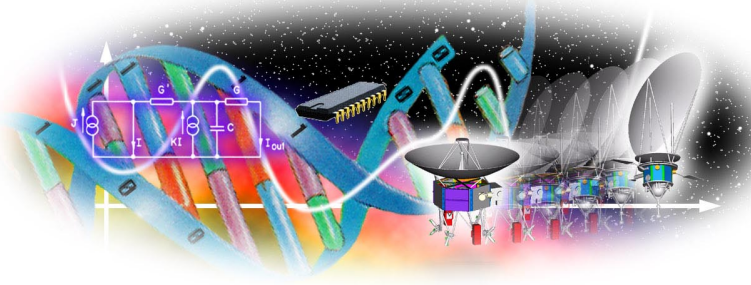
The 2004 NASA/DoD Conference on Evolvable Hardware (EH-2004) builds upon the tradition of the successful series of NASA/DoD Workshops (the first Workshop hosted by JPL in Pasadena, 1999; the second Workshop hosted by NASA Ames in Palo Alto, 2000; and the third Workshop hosted by JPL in Long Beach in 2001) and Conferences (2002 hosted by NASA Goddard in Washington, DC and 2003 hosted by AMES in Chicago) on Evolvable Hardware. Evolvable Hardware is an emerging field that applies evolution to automate design and adaptation of physical reconfigurable and morphable structures such as electronic systems, antennas, MEMS and robots. The purpose of this conference is to bring together leading researchers from the evolvable hardware community, representatives of the automated design and programmable/reconfigurable hardware communities, technology developers and end-users from the aerospace, military and commercial sectors.

Evolvable hardware techniques enable self-reconfigurability, adaptability and learning by programmable devices and thus have the potential to significantly increase the functionality of deployable hardware systems. Evolvable Hardware is expected to have major impact on deployable systems for space systems and defense applications that need to survive and perform at optimal functionality during long duration in unknown, harsh and/or changing environments. It is also expected to greatly enhance the capability of systems that need modification, upgrade and learning without interrupting their operation.

This year's Conference will introduce two new features: early submission of abstracts previous to full-paper submission and the organization of Special Sessions.

Submission of abstracts

Prospective authors are invited to submit the electronic version of their abstract (ie PS, PDF, MSWord) by email to eh-2004@cism.jpl.nasa.gov . The abstract is limited to 1 page and should be submitted in single-spaced, 10 point type on a 8.5" X 11" or equivalent paper with 1" margins on all sides. Each submission should contain the following items: (1) title of paper, (2) author name(s), (3) first author physical address, (4) first author e-mail address, (5) first author phone number, (6) the text of the abstract, and (7) references.
For your convenience, template files for camera-ready abstract preparation are on the web site: MS Word

Web Site: http://ehw.jpl.nasa.gov/events/nasaeh04

For further information please check the workshop web site or contact

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Important Dates

Abstract Submission Deadline:	December 1, 2003
Author notification abstract:	December 15, 2003
Paper submission deadline:	January 31, 2004
Author notification paper:	March 15, 2004
Camera Ready Manuscript deadline:	March 31, 2004
Conference:	June 24 - 26, 2004